

## REMARKS

Any fees that may be due in connection with filing this paper, or during the entire pendency of this application, may be charged to Deposit Account No. 06-1050.

The specification has been amended to correct obvious minor typographical and spelling errors. In addition, the specification is amended such that "X-gal" replaces "LacZ" to denote correctly the substrate used to assay for  $\beta$ -galactosidase gene expression (page 84, line 5; page 89, lines 7 and 15; page 90, lines 25, 26, and 29; page 91, line 6; and page 138, line 16). Basis for this substitution can be found in EXAMPLE 13, on page 167, line 22, through page 168, line 2. While the *LacZ* operon controls expression of  $\beta$ -galactosidase, it is the hydrolysis of X-gal (5-bromo-3-indoyl- $\beta$ -D-galactopyranoside) that permits monitoring of gene expression; following fixation and incubation with the X-gal substrate, cells transfected with a  $\beta$ -galactosidase-expressing plasmid will turn blue. Examples of using  $\beta$ -galactosidase gene expression as a detectable marker to confirm transformation of cells by heterologous DNA can be found on page 67, beginning line 23, through page 68, line 5; page 72, lines 15 to 28; and in Example 13, beginning on page 165, line 13 through page 168, line 5. No new matter has been added to the specification.

A complete listing of the claims are presented herein. Claims 2, 6 and 8 are corrected for minor typographical and grammatical errors. Claims 18-24 are added herein. Basis for added Claims 18-24 can be found throughout the specification. Particular basis can be found, for example, at page 6, lines 20-23; page 9, lines 14-18; page 27, lines 13-21; page 29, lines 4-14; page 29, line 24 to page 30, line 8; page 33, lines 3-15; page 37, lines 28-31; page 51, lines 4-9; page 54, lines 17-24; page 75, lines 20-31; page 78, lines 11-14; page 102, line 25 to page 103, line 17; Figures 1 and 2; Example 4 beginning at page 83; and Example 9 beginning at page 122. No new matter is added.

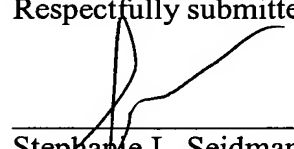
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Entry of this amendment and examination of the application are respectfully requested.

Respectfully submitted,



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